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The Oligochaeta type material housed at the Natal Museum, South Africa*

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ABSTRACT

The Oligochaeta collection of the Natal Museum in Pietermaritzburg includes 132 holotypes, paratypes or syntypes. Among them are indigenous Acanthodrilidae *Parachilota* Pickford, 1937 (9 species), *Eodriloides* Zicsi, 1998 (1), *Udeina* Michaelsen, 1910 (7), and a paratype of exotic *Yagansia* Michaelsen, 1899 from Chile (1); the type material of indigenous Enchytraeidae *Achaeta* Vejdovsky, 1877 (1) and *Fridericia* Michaelsen, 1889 (1), Eudrilidae *Nemertodrilus* Michaelsen, 1890 (2), Haplotaxidae *Pelodrilus* Beddard, 1891 (1), and exotic species of Lumbricidae belonging to the genera *Aporrectodea* Örley, 1885 (1), *Dendrobaena* Eisen, 1873 (2), and *Octodrilus* Omodeo, 1956 (1). An extensive collection of indigenous South African Microchaetidae assigned to the genera *Geogenia* Kinberg, 1867 (16), *Kazimierzus* Plisko, 2006 (14), *Michalakus* Plisko, 1996 (1), *Microchaetus* Rapp, 1849 (3), *Proandricus* Plisko, 1992 (42), and *Tritogenia* Kinberg, 1867 (29) is also covered. Two new combinations are proposed.

KEY WORDS: Catalogue, Oligochaeta, Acanthodrilidae, Enchytraeidae, Eudrilidae, Haplotaxidae, Lumbricidae, Microchaetidae, earthworms, type material, new combinations, Natal Museum.

INTRODUCTION

The Oligochaeta type material housed in the collection of the Natal Museum consists of species dealt with by Černosvitov (1937, 1938), Chekanovskaya (1959), Dózsa-Farkas (2000), Ljungström (1972), Michaelsen (1907, 1913*a*, *b*, *c*, 1928), Pickford (1927, 1937), Reynolds & Cook (1976, 1993), Plisko (1991*a*, *b*, 1992, 1993*a*, *b*, 1994, 1996*a*, *b*, 1997, 1998, 2000*b*, 2002*a*, *b*, 2003, 2004, 2005*b*, 2006), Plisko & Zicsi (1970, 1991), Reinecke & Ryke (1969), Zicsi (1989, 1998), and Zicsi & Reinecke (1992). The vast majority of the collection comprises indigenous South African species of Microchaetidae and Acanthodrilinae. There are also a few species of Enchytraeidae, Eudrilidae, and Haplotaxidae, four types of exotic species of Lumbricidae and one South American acanthodrilid. The presented record of 132 types, some housed in the collection for nearly one hundred years, provides useful information for further revisionary studies in the field.

The families, genera and species are listed in alphabetical order, with the species synonymy and relevant literature provided. The acronym 'NMSA' (for Natal Museum, South Africa) which is printed in front of 'Olig.' on the data labels, is omitted in this catalogue. If known, the location of holotype or paratypes, other than the Natal Museum, is given. The type locality is taken from the original label, although usually it is shortened by exclusion of co-ordinates referring to the place names. Species distribution is based on information from the labels and the original descriptions, sometimes augmented by information in the Natal Museum Database. If available, the environmental, ecological and biological data are also provided. Geographical names conform to current spelling and usage.

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* This paper is complemented by a full version of the type catalogue which is available on http://www.africaninvertebrates.org.za

Taxa covered in the present catalogue are listed below.

Acanthodrilidae Claus, 1880

Eodriloides *ilsleianus* (Pickford, 1927).
Parachilota: *annulata* (Ljungström, 1972), **comb. n.**; *herculeus* (Ljungström, 1972), **comb. n.**; *hogsbacki* Zicsi, 1998; *letitia* Pickford, 1937; *karkloofi* Zicsi, 1998; *multipapillatus* Zicsi, 1998; *traegardhi* f. *typicus* (Michaelsen, 1907); *traegardhi* (Michaelsen, 1907) var. *major* Michaelsen, 1913; *warreni* (Michaelsen, 1913).
Udeina: *adriani* Plisko, 2004; *anneae* Plisko, 2004; *mapelane* Plisko, 2004; *nkandla* Plisko, 2004; *petrosi* Plisko, 2004; *pliskoae* Zicsi, 1998; *quedeni* Plisko, 2004; *stuckenbergi* Zicsi, 1998.
Yagansia *discartii* Zicsi, 1989.

Enchytraeidae d'Udekem, 1855

Achaeta *gigantea* Dózsa-Farkas, 2000.
Fridericia *peregrinabunda* Michaelsen, 1913.

Eudrilidae Claus, 1876

Nemertodrilus: *kruegeri* Zicsi & Reinecke, 1992; *transvaalensis* Zicsi & Reinecke, 1992.

Haplotaxidae Claus, 1880

Pelodrilus *pseudotuberculatus* Zicsi, 1998.

Lumbricidae Rafinesque-Schmaltz, 1815

Aporrectodea *moderata* (Chekanovskaya, 1959).
Dendrobaena: *olympica* (Černosvitov, 1938); *rhodopensis* (Černosvitov, 1937).
Octodrilus *rucneri* (Plisko & Zicsi, 1970).

Microchaetidae Beddard, 1895

Geogenia: *ambita* (Plisko, 1998); *caementerii* Michaelsen, 1913; *distasmosa* (Plisko, 2003); *gripha* (Plisko, 2002); *herberti* (Plisko, 2002); *idechorita* (Plisko, 2003); *madida* (Plisko, 1993); *mkuzi* (Plisko, 1992); *montana* (Plisko, 1993); *parva* (Michaelsen, 1913); *pondoana* (Michaelsen, 1913); *ritae* (Plisko, 1993); *riva* (Plisko, 1993); *tegwana* (Plisko, 2005); *tuberosa* (Plisko, 1998); *zaloumisi* (Plisko, 1992).
Kazimierzus: *alipentus* (Plisko, 1998); *circulatus* (Plisko, 1998); *davidi* (Plisko, 1998); *hamerae* (Plisko, 1998); *imitatus* (Plisko, 1998); *metandrus* (Plisko, 1998); *obscurus* (Plisko, 1998); *occidualis* (Plisko, 1998); *occiduus* (Plisko, 1998); *pauli* (Plisko, 1998); *pentus* (Plisko, 1998); *senarius* (Plisko, 1998); *sirgeli* (Plisko, 1996); *sophieae* (Plisko, 2002).
Microchaetus: *klopperi* Plisko, 1991; *stuckenbergi* Plisko, 1991; *vernoni* Plisko, 1992.
Michalakus *initus* Plisko, 1996.
Proandricus: *adami* Plisko, 2003; *adriani* Plisko, 2000; *alatus* Plisko, 1996; *amphius* Plisko, 1996; *armstrongi* Plisko, 2002; *babanango* Plisko, 1992; *bergvillensis* Plisko, 2000; *biancae* Plisko, 1993; *bourquini* Plisko, 1996; *briani* Plisko, 1996; *bulwerensis* Plisko, 1992; *comptus* Plisko, 1996; *crookesi* Plisko, 2002; *dwesa* Plisko, 2002; *entumeni*

Plisko, 1992; *hedothecus* Plisko, 2000; *hlatikulu* Plisko, 2002; *holbeck* Plisko, 2005; *ianthinos* Plisko, 1993; *injasuti* Plisko, 2002; *jasoni* Plisko, 1992; *lesothoensis* (Reinecke & Ryke, 1969); *londti* Plisko, 1993; *lovus* Plisko, 2003; *magdae* Plisko, 1993; *marleyi* (Michaelsen, 1928); *martensi* Plisko, 2002; *michelleae* Plisko, 2002; *mirificus* Plisko, 1993; *notabilis* Plisko, 2005; *oresbiosus* Plisko, 2003; *ortyi* Plisko, 2000; *pajori* Plisko, 1993; *perolofi* Plisko, 1994; *richerti* Plisko, 2002; *sani* Plisko, 2002; *setosus* Plisko, 1996; *skeadi* Plisko, 1993; *thornvillensis* Plisko, 1992; *warreni* (Michaelsen, 1913); *zeugosus* Plisko, 2005; *zicsi* Plisko, 1993.

Tritogenia: *alveata* Plisko, 1997; *annetteae* Plisko, 1997; *ataxia* Plisko, 1997; *curiosa* Plisko, 1997; *curta* Plisko & Zicsi, 1991; *debbieae* Plisko, 2003; *diversa* Plisko, 1997; *douglasi* Plisko, 1997; *herbana* Plisko, 1997; *hiltonia* Plisko, 2003; *insolita* Plisko, 1997; *karkloofia* Plisko & Zicsi 1991; *koilia* Plisko, 1997; *kruegeri* Plisko & Zicsi, 1991; *liversagei* Plisko, 1997; *lunata* Plisko, 1997; *melmothana* (Michaelsen, 1928); *miniseta* Plisko, 1997; *monosticha* Plisko, 1997; *mucosa* Plisko & Zicsi, 1991; *ngelensis* Plisko, 1997; *ngomensis* Plisko, 1992; *palusicola* Plisko, 1997; *phinda* Plisko, 2005; *qudeni* Plisko, 2003; *shawi* Plisko & Zicsi, 1991; *silvicola* Plisko, 1997; *tetrata* Plisko, 2003; *turneri* Plisko, 1997.

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